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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|------------------------|---------------------|------------------|
| 09/966,222 | 09/28/2001 | William James Palmteer | 17658 | 5902 |

7590 04/23/2003
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| EXAMINER |
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CRUZ, LOURDES C

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| ART UNIT | PAPER NUMBER |
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2827

DATE MAILED: 04/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



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| APPLICATION NO./ CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION | ATTORNEY DOCKET NO. |
|---------------------------------|-------------|---------------------------------------------------|---------------------|

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| ART UNIT | PAPER |
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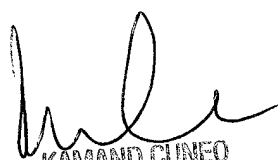
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Commissioner of Patents and Trademarks

The timely submission under 37 CFR 1.129(a) filed on 12-30-02 is not fully responsive to the prior Office Action because the cross-hatching patterns in the drawings were not amended to comply with the page no. and section of the MPEP mentioned/indicated by the examiner in the previous Office Action. All of the cross hatching patterns should be selected from those shown on page 600-81 of the MPEP based on the material of the part. Also see 35 CFR 184 (h)(3) and MPEP 608.02.

Since the submission appears to be a bona fide attempt to provide a complete reply to the prior Office action, applicant is given a shortened statutory period of ONE MONTH or THIRTY DAYS from the mailing date of this letter, whichever is longer, to submit a complete reply. This shortened statutory period supersedes the time period set in the prior Office action. This time period may be extended pursuant to 37 CFR 1.136(a). If a notice of appeal and the fee set forth in 37 CFR 1.17(e) were filed prior to or with the payment of the fee set forth in 37 CFR 1.17(r), the payment of the fee set forth in 37 CFR 1.17(r) by applicant is construed as a request to dismiss the appeal and to continue prosecution under 37 CFR 1.129(a). The appeal stands dismissed.


KAMAND CUNEO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2000

Lourdes Cruz

09/966222

REMARKS

The changes made to the claims are shown on "Marked-Up Version of Amended Claims" attached hereto.

Drawings

Figures 2A, 2B, 2C, 2D, and 3 have been edited to correct the cross hatching pattern shown in the metal areas of the chip scale package. Figure 1B showing the prior art is correctly cross-hatched in accordance with MPEP §608.02.

Claim Rejections - 35 USC §112

The U.S. Patent and Trademark Office ("Office") has rejected claims 8 and 9 under the second paragraph of 35 U.S.C. §112 for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 8 states that the at least one die includes first and second dies, and that at least one aperture is disposed between the first and the second dies. The Office has stated that it is unclear how an aperture in the die attach pad will be disposed between the dies while the dies are included with one single structure. The at least one die is formed *on* the die attach pad. The aperture is formed *in* the die attach pad. When the at least one die comprises two dies, and the first die and second die are located on opposite sides of the one of the plurality of apertures, the one of the plurality of apertures is disposed between the dies.

Claim 9 has been deleted.

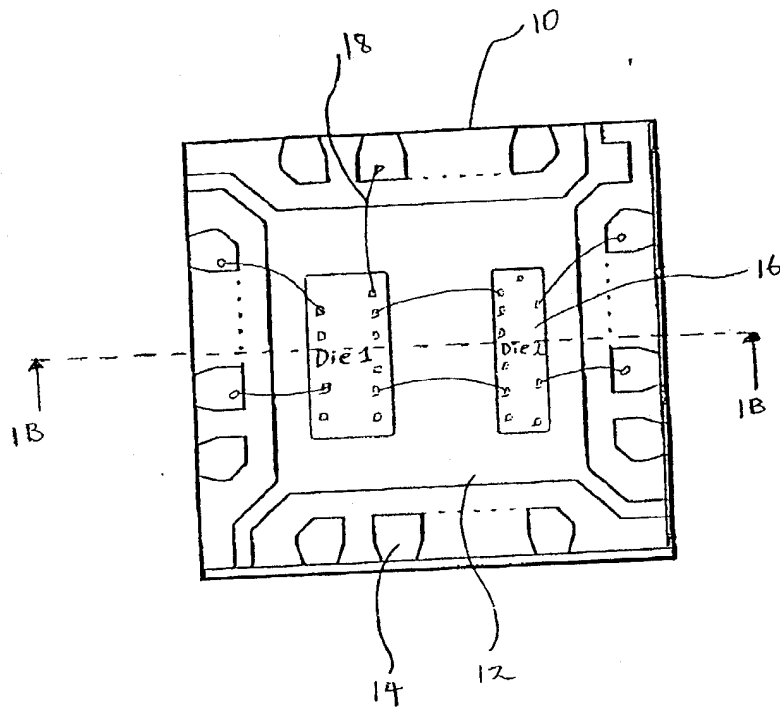


FIG. 1A
CONVENTIONAL
ART

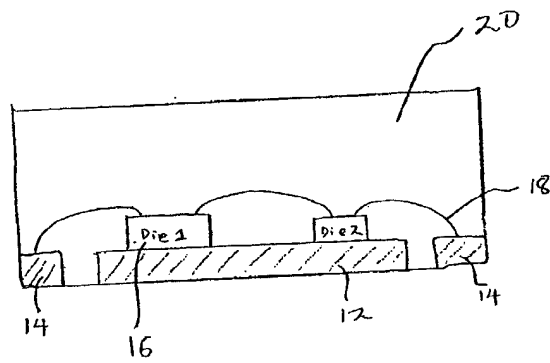


FIG. 1B
CONVENTIONAL
ART

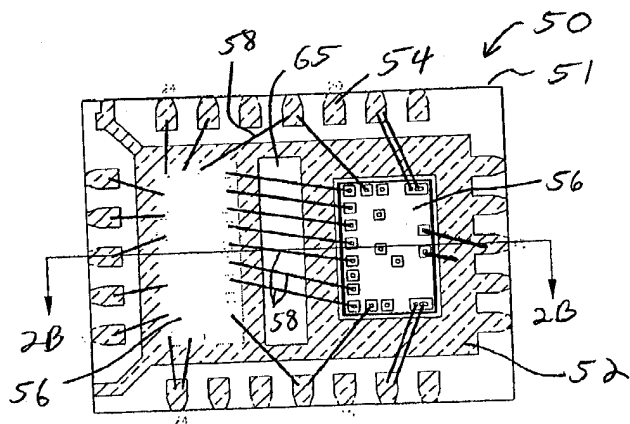


Fig. 2A

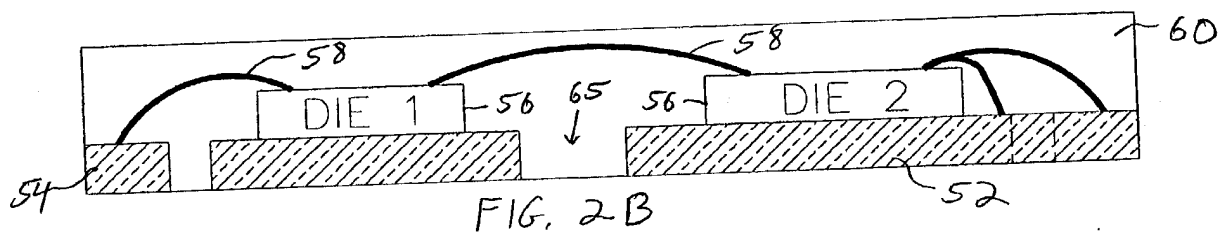


FIG. 2B

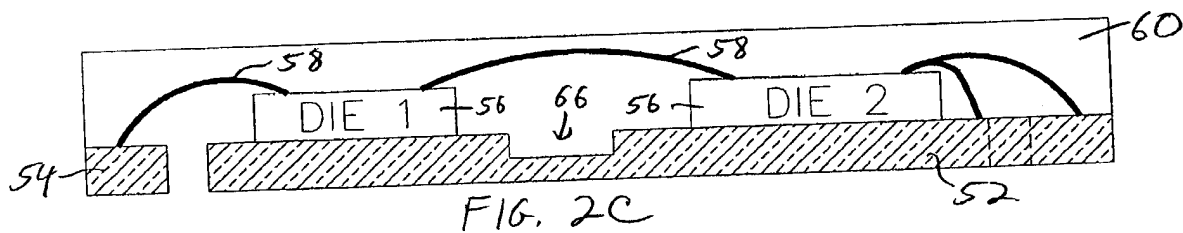


FIG. 2C

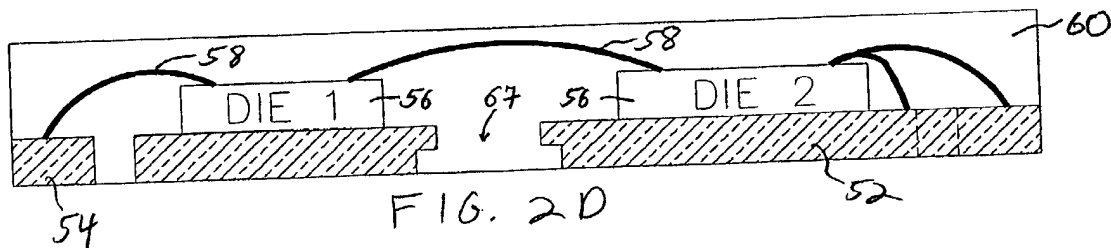
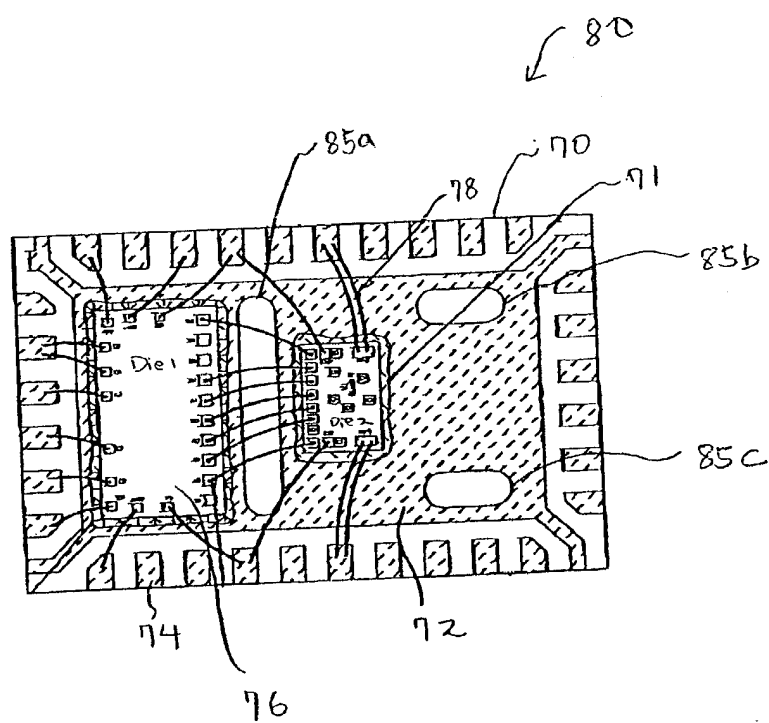


FIG. 2D

FIG. 3



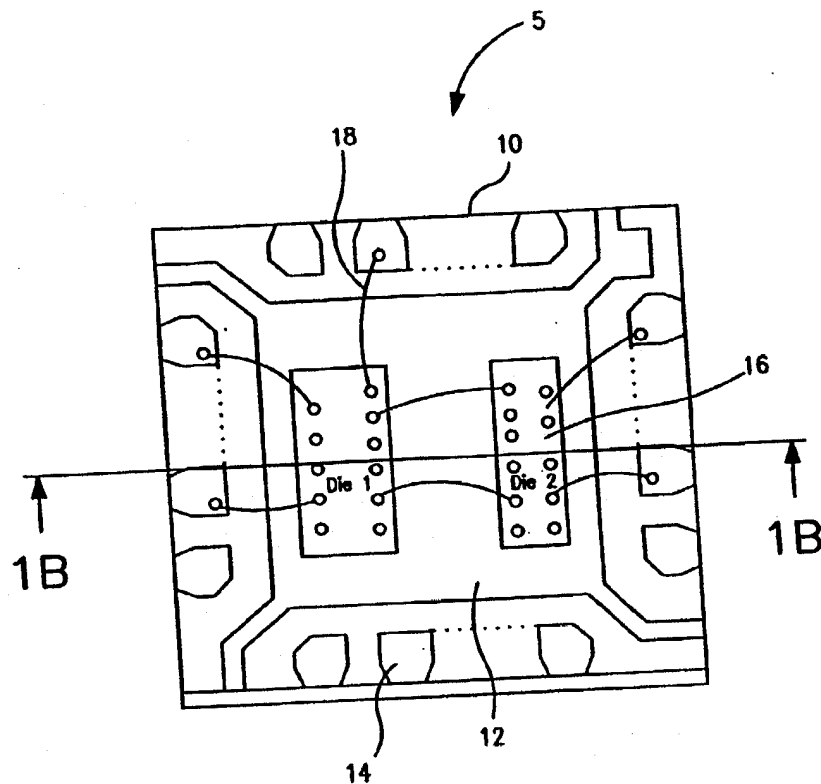


FIG. 1A
conventional art

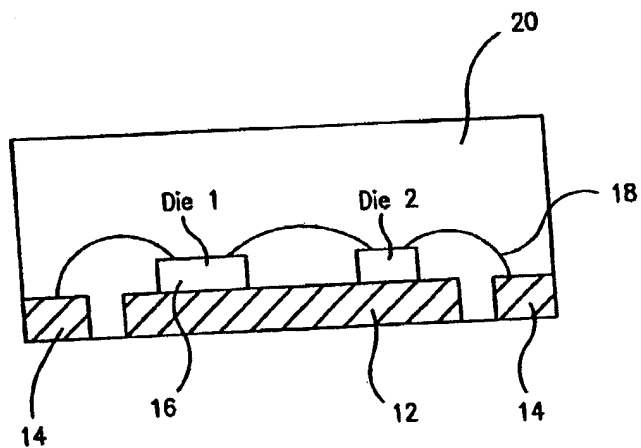


FIG. 1B
conventional art

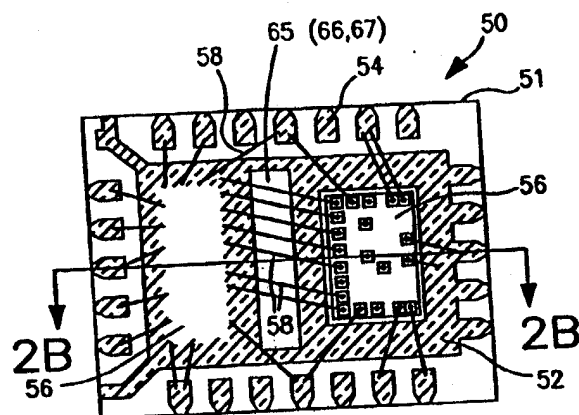


FIG. 2A

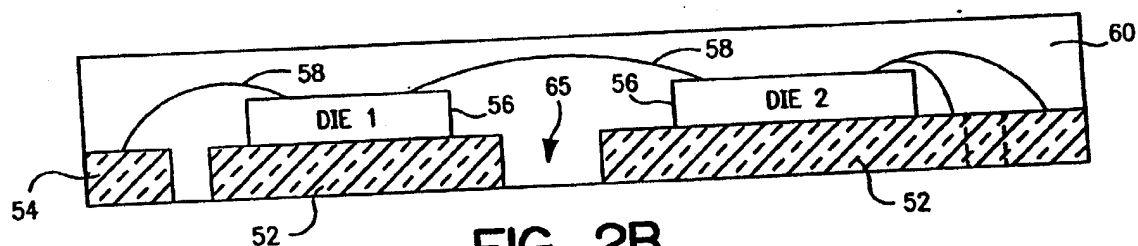


FIG. 2B

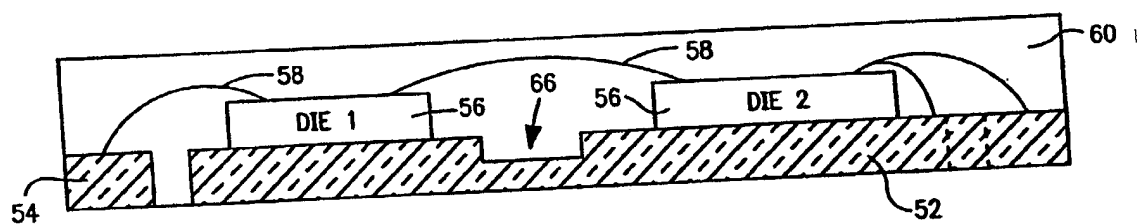


FIG. 2C

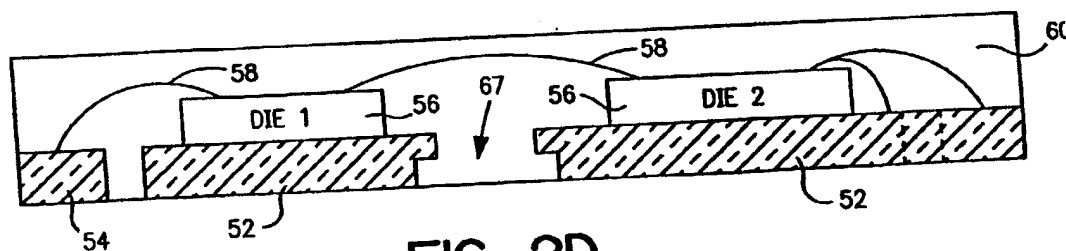


FIG. 2D

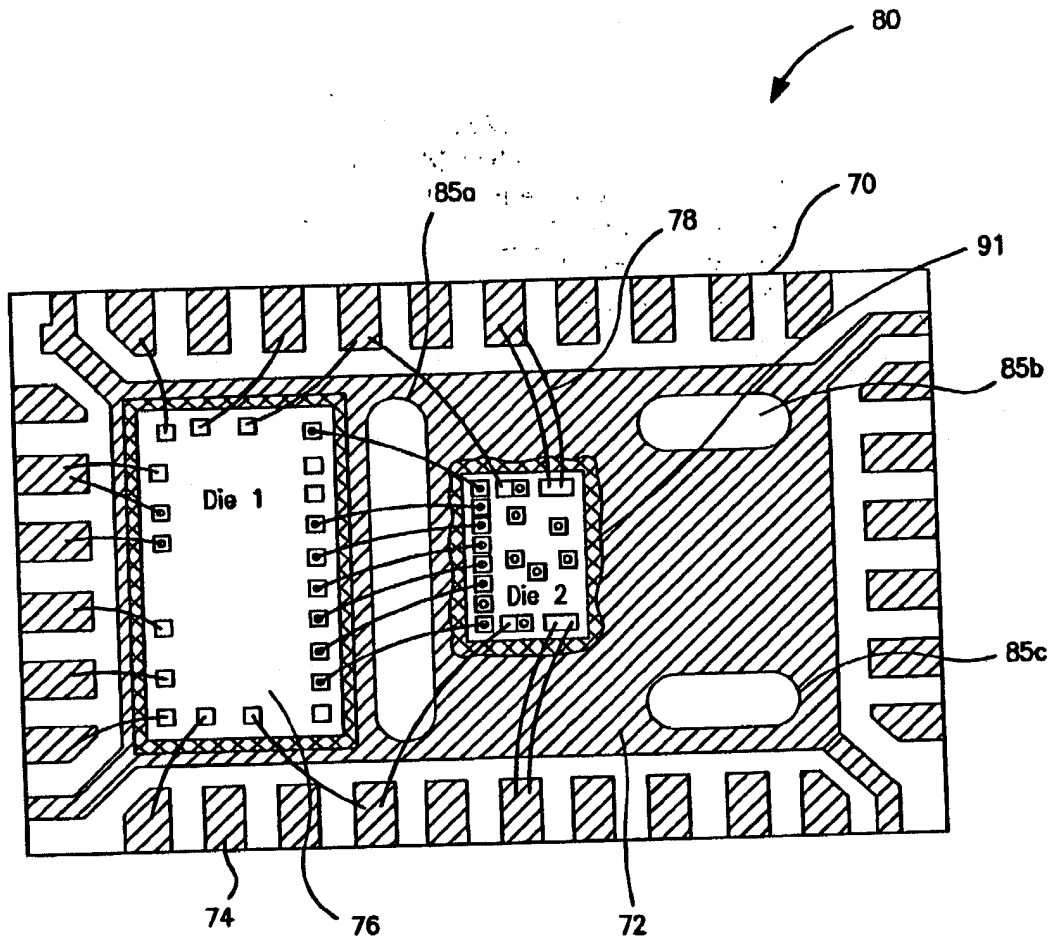


FIG. 3